

I-64 Daniel Boone Bridge

Final Recommendation Report



July 10, 2012

Project Description

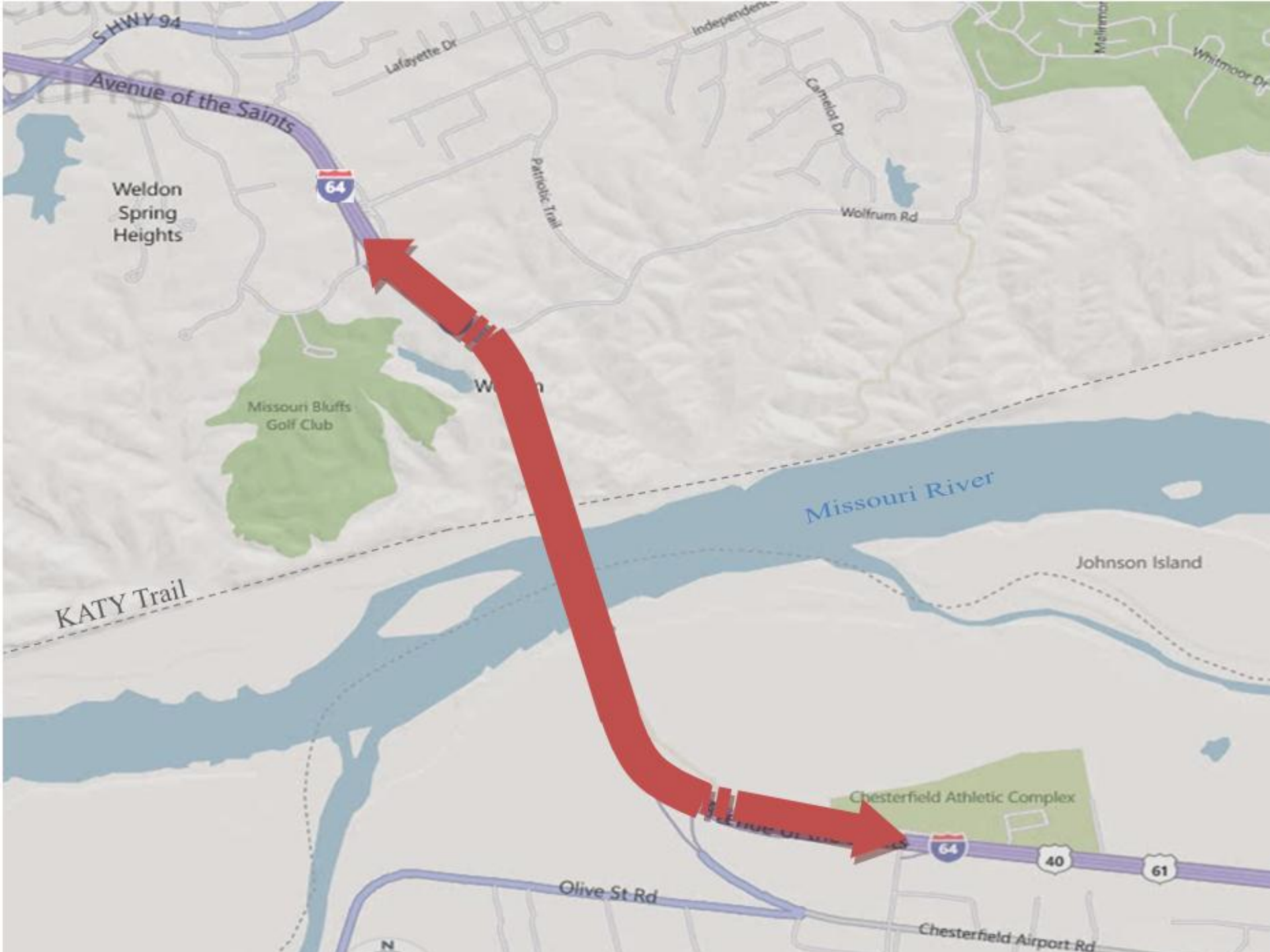
- New Missouri River bridge connecting St. Charles and St. Louis counties
- Replaces 1935 bridge
- Shared use path connecting Katy Trail State Park to Monarch Levee Trail
- Improve Chesterfield Airport Road interchange



Deteriorated Infrastructure

- Current westbound I-64 bridge built in 1935
- Extreme deficiencies
- Recent years have had full weekend closures to do necessary repairs
- Currently striped for three 10 foot lanes with no shoulders
- Carries 50,000 vehicles





Project Goals

- Deliver the project within the programmed budget of \$125 Million
- Construct a Missouri River bridge that can be reasonably maintained to provide more than a century of useful life
- Maximize the mobility, capacity and safety improvements in the corridor when construction is complete
- Minimize and mitigate construction impacts and maximize work zone safety to customers through construction staging and communication efforts
- Complete the project no later than July 1, 2016



Cost

- \$125 Million
 - Property acquisition
 - Utility relocation
 - Contingencies/misc
- Maximum \$117 Million Design-Build contract



Disadvantaged Business Enterprise

- 14 % for construction activities
- 20 % for professional/design activities
- DBE firms must be certified with the Missouri Regional Certification Committee (MRCC)



Workforce

- Federal workforce goals apply to project
 - 14.7% minority
 - 6.9% female
- Goals apply per craft
- On-The-Job training goals will apply if workforce goals aren't met per craft



Four Pre-Qualified Teams

Team:	AB-MBI	MT
Major Participants:	American Bridge Co. Millstone Bangert, Inc. Parsons Transportation Group Inc.	Massman Construction Co. Traylor Bros., Inc. Fred Weber, Inc. HNTB Corporation
Team:	KCI	Walsh Alberici
Major Participants:	KCI Construction Company Midwest Foundation Corporation Jacobs Engineering Group Inc.	Walsh Construction Alberici Constructors, Inc. Burns & McDonnell

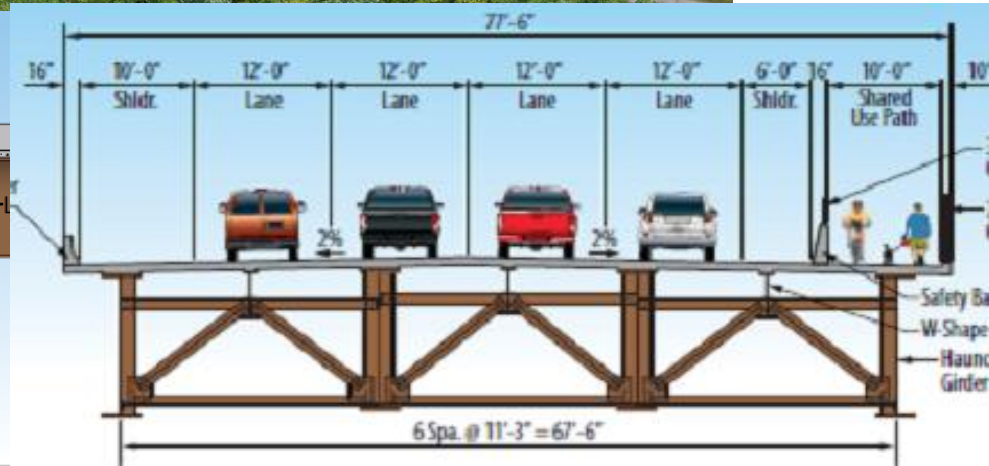
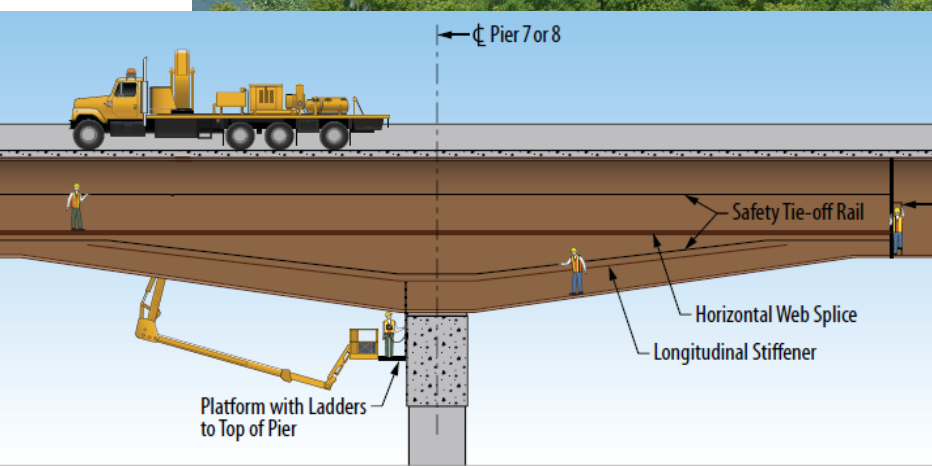


Evaluation Items

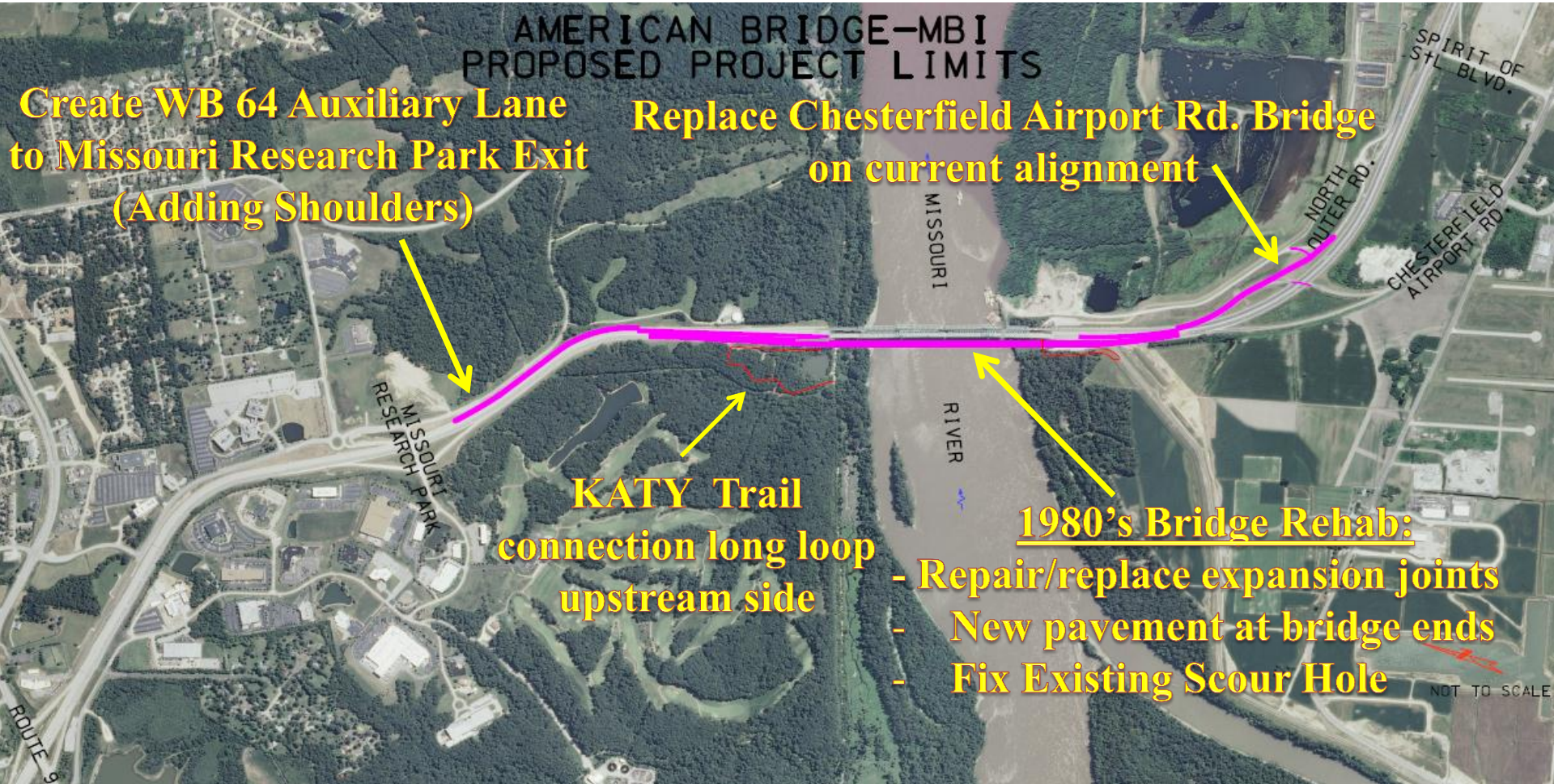
- Missouri River Bridge(s) scope
- Roadway and other structures
- Method of Handling Traffic
- Schedule
- Disadvantage Business Enterprise/Workforce diversity plan
- Safety plan
- Contract cost



American Bridge/Millstone Bangert



AB/MBI Project Limits & Scope Highlights



\$117 Million Contract

KCI



KCI Project Limits & Scope Highlights

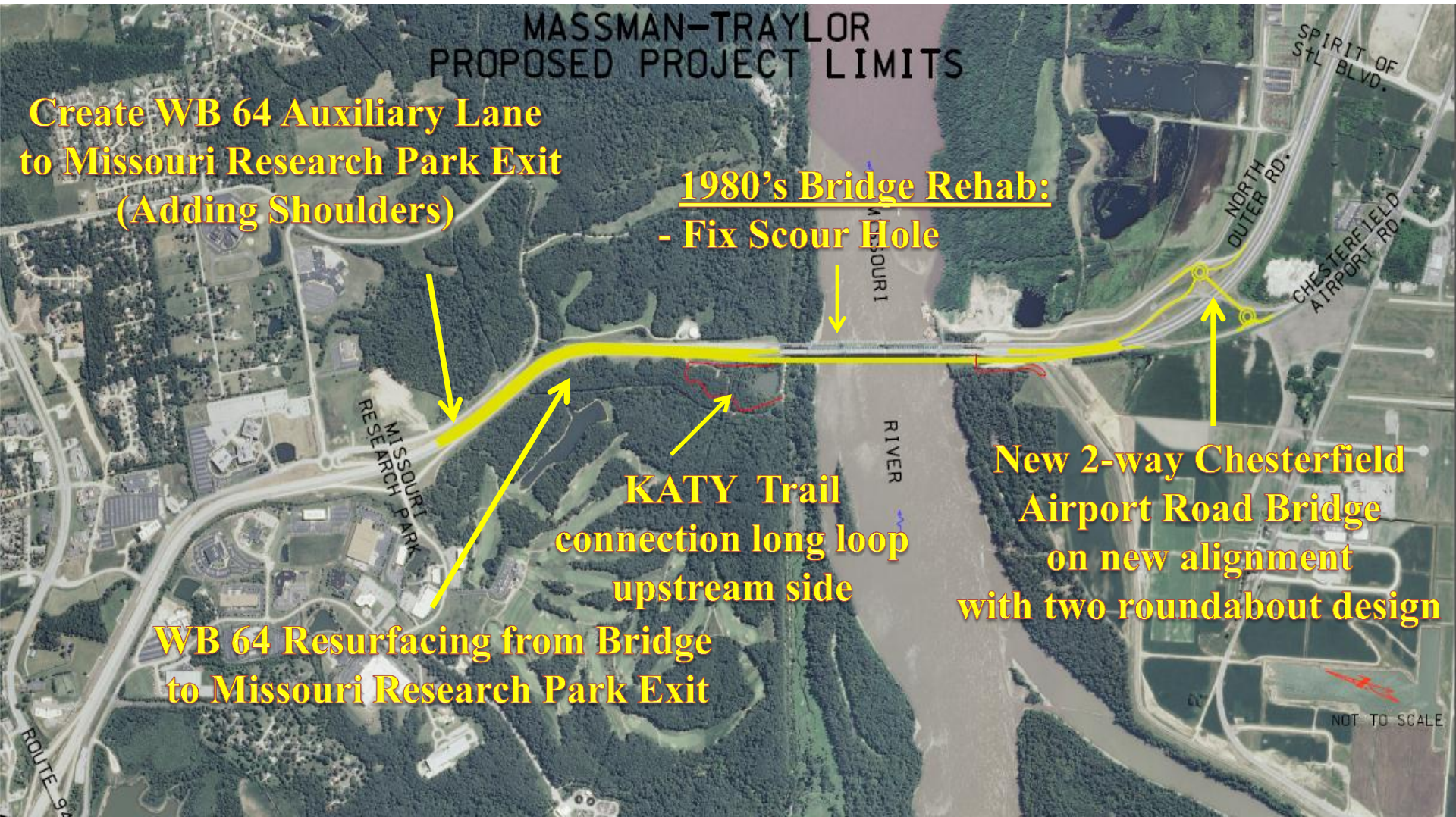


\$117 Million Contract

Massman-Traylor

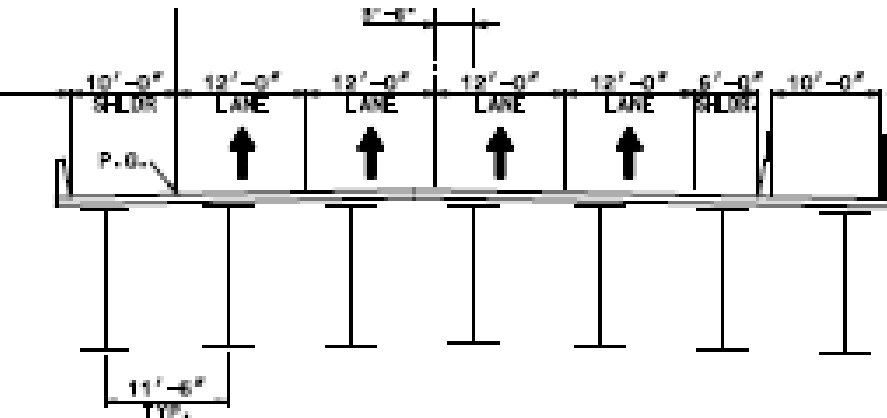
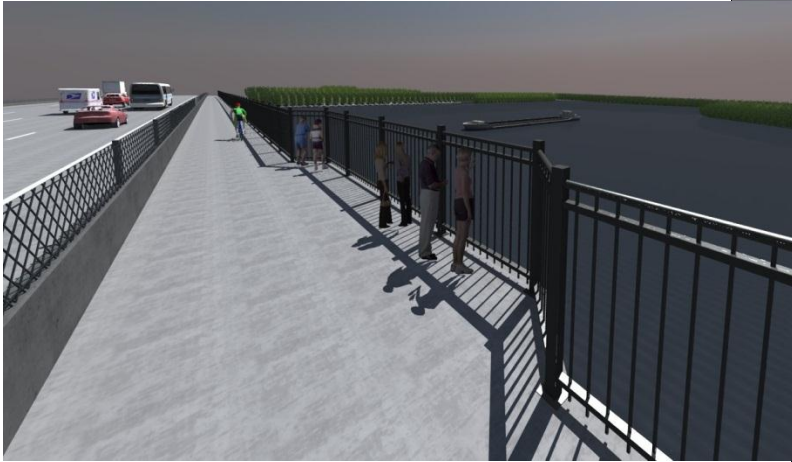


Massman/Traylor Project Limits & Scope Highlights



\$114 Million Contract

Walsh - Alberici



Walsh - Alberici Project Limits & Scope Highlights

Create WB 64 Auxiliary Lane
to Route 94
(Adding Shoulders)

WALSH-ALBERICI
PROPOSED PROJECT LIMITS

Raising Spirit Bridge
22" to eliminate
vertical clearance issue over 64

New Chesterfield Airport Rd. Bridge
on new alignment

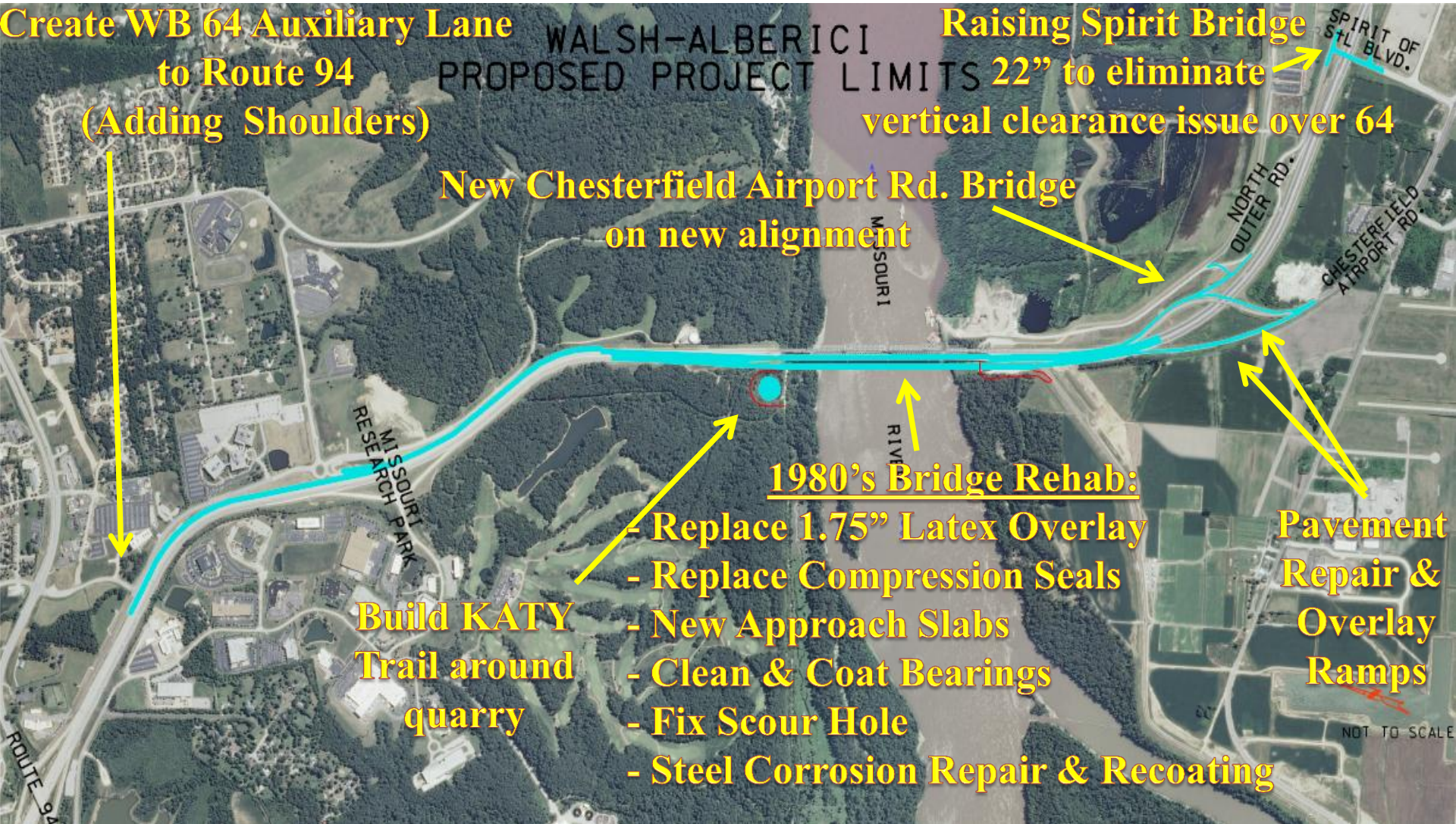
1980's Bridge Rehab:

- Replace 1.75" Latex Overlay
- Replace Compression Seals
- New Approach Slabs
- Clean & Coat Bearings
- Fix Scour Hole
- Steel Corrosion Repair & Recoating

Pavement
Repair &
Overlay
Ramps

Build KATY
Trail around
quarry

\$110.994 million contract



*Recommendation of
Best Value Proposer*

Walsh-Alberici Team



Walsh - Alberici

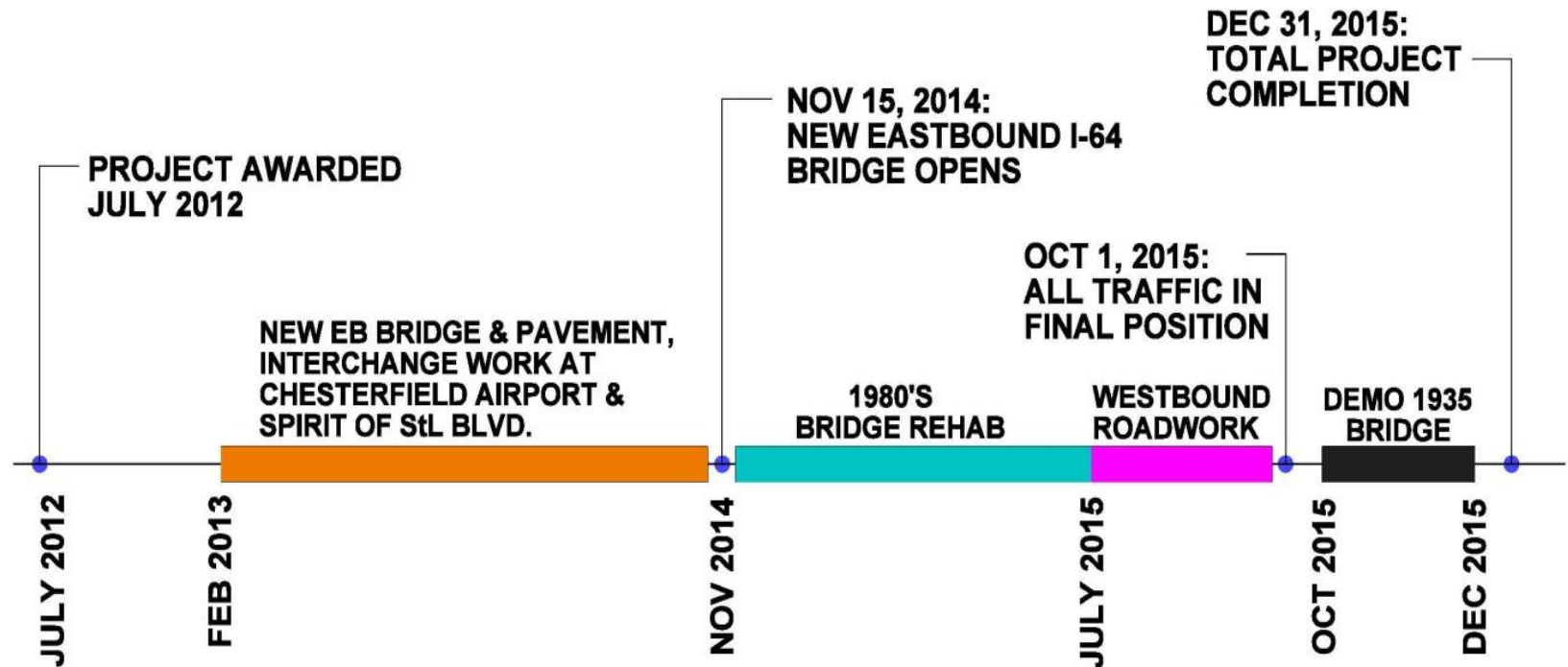


Traffic Control During Construction

- Maintain current number lanes with no peak volume closures
- Chesterfield Airport Road Bridge remains open
- Two partial weekend detours of I-64 for Chesterfield Airport bridge demo and girder setting
- Provide emergency pull off areas within the project limits



I-64 DANIEL BOONE BRIDGE TIMELINE



Recommendation

Apparent Best Value Proposer



***I-64 Daniel Boone
Missouri River Bridge***

www.modot.org/boonebridge

